Index of Claims

| Application No. | Applicant(s)  | _ |
|-----------------|---------------|---|
| 10/759,218      | FARIES ET AL. |   |
| Examiner        | Art Unit      |   |
| Mirellys Jagan  | 2859          |   |

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|  |          | L_   | L  |          | -        |  | I            |  |                | i  |   |  |          |  |          |          |  | J        | ட            |
|--|----------|--|--|----------|----------|--|--------------|--|----------------|--|---|--|----------|--|----------|----------|--|----------|--------------|
| Cla  | aim      | Г  |  |          | - (      | Date   | <br>e        |  |                |  |   | Cla  | im       |  | -        |          | [  | Date     | <u>—</u>     |
|  |          | Ι.   |  | LG.      |          |  | Ī            |  |                |  |   |  |          |  | Г        | 2        | Γ  |          | Π            |
| la   | Original | 11/5/04  | 5/2/05   | 12/18/05 |          |  |              |  |                |  |   | آھ   | Original | 11/5/04  | 5/2/05   | 12/18/05 |  |          |              |
| Final  | )rig     | Ĕ  | 5,5  | 21       |          |  |              |  |                |  |   | Final  | Orig     | Ĕ  | 2/2      | 2        |  |          |              |
|  | ر د      | _  |  | _        |          |  |              |  |                |  |   |  |          |  |          |          |  |          | L            |
|  | 1        |  | L  |          |          |  | L            |  | L              |  |   |  | 51       | 7  | 1        | 0        | _  |          | L            |
|  | 3        |  | _  | <u> </u> |          | L  | _            | L  | _              | _  |   |  | 52       | 4  | 4        | 1        | _  |          | L            |
|  | 3        | _  | _  |          |          | L.   |              | <u> </u>   | _              | _  |   |  | 53       | Щ.   | Н        | o        | <u> </u>   |          | -            |
|  | 4<br>5   | <u> </u>   |  |          |          | <u> </u>   | <u> </u>     | <u> </u>   | _              |  |   |  | 54       | Н-   | Н        | 1        | ┝  | L        | -            |
| ļ  | 5        | _  | _  |          | _        | <u> </u>   | _            | _  | _              | <u> </u>   |   |  | 55       | H-   | H        | 1        | -  | H        | ┝            |
| ļ  | 6<br>7   | ├  |  | _        |          | ⊢  | ⊢            | <del> </del>                                     | -              | -  |   |  | 56<br>57 | H  | Н        | 0        | $\vdash$   |          | $\vdash$     |
|  |          | <u> </u>   |  | ⊢        | $\vdash$ | <u> </u>   | -            |  | _              | H  |   |  | 58       | ₩  | Н        | 7        | ├  | $\vdash$ | ├            |
| <del>                                     </del> | 8<br>9   | -  |  | _        | -        | ⊢  |              | ⊢  | ⊢              |  |   |  | 50       | +  | H        | 1        | ⊢  | ⊢        | ⊢            |
|  | 10       | ⊢  | _  | _        | ┝        | ├  | -            | ⊢  | ├              | $\vdash$   |   |  | 59<br>60 | H  | H        | 1        | -  | $\vdash$ | ╁╴           |
|  | 11       | ⊢  |  |          | ┝        | -  | $\vdash$     | -  | ├─             | ⊢  |   |  | 61       | ╫  | Н        | 1        | -  | Н        | ┢            |
|  | 12       | ├  | H  |          | ┢        |  | $\vdash$     | ├  | -              | ┢  |   |  | 62       | ╫╴   | Н        | ò        |  | Н        | ┢            |
|  | 13       | ┢  | -  | -        | $\vdash$ |  | H            | -  | ┢─             | ┢  |   |  | 63       | H  | H        | ō        | -  | $\vdash$ | H            |
| <del> </del>                                     | 14       | $\vdash$   | -  | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$     | -  | $\vdash$       | -  |   |  | 64       | #  | #        | Ĭ        | <b></b>  | т        | T            |
| <b></b>  | 15       | $\vdash$   | $\vdash$   | $\vdash$ | ┢        | H  | $\vdash$     | 一  | $\vdash$       | <del>                                     </del> |   |  | 64<br>65 | #  | H        | ō        |  | T        | T            |
|  | 16       |  | $\vdash$   | -        | $\vdash$ |  | $\vdash$     | $\vdash$   | $\vdash$       | T  |   |  | 66       | ١,   | H        | V        |  | Г        | T            |
|  | 17       | Н  | T  | $\vdash$ | _        | $\vdash$   | -            |  |                | _  |   |  | 66<br>67 | V  | П        | 1        |  | <u> </u> | T            |
|  | 18       | Н  | _  | Т        | -        |  | Ι            |  | Г              |  |   |  | 68       | V  | $\Box$   | 0        |  |          | Γ            |
|  | 19       | T  | _  | Т        |          |  |              |  |                |  |   |  | 69       |  | П        | 1        | Г  |          | Γ            |
|  | 20       |  |  |          |          | Τ  |              |  |                |  |   |  | 70       |  | П        | 1        |  | П        | Г            |
|  | 21       |  | $\vdash$   | $\vdash$ | $\vdash$ | Т  |              |  |                | Г  | 1 |  | 71       |  | V        | V        |  |          | Г            |
|  | 22       |  | Г  |          | Г        | Γ  |              |  | Г              | П  | 1 |  | 72       |  | 1        | 1        |  |          |              |
|  | 23       |  |  |          |          |  |              |  |                |  | ] |  | 73       |  |          |          |  |          |              |
|  | 24       |  |  |          |          |  |              |  |                |  | ] |  | 74       |  |          |          |  |          |              |
|  | 25       |  |  |          |          | <u> </u>   |              |  |                | <u>L</u>   |   |  | 75       | _  | 乚        | <u> </u> | 乚  | ᆫ        | L            |
|  | 26       | L  |  |          |          | _  |              | Ĺ  | L              |  |   |  | 76       | _  | _        | <u> </u> | <u> </u>   | <u> </u> | ļ_           |
|  | 27       | <u> </u>   |  | _        |          | _  | L            | <u> </u>   | $oxed{oxed}$   | <u> </u>   |   |  | 77       |  | L        | L        | ┖  | <u> </u> | ┞            |
|  | 28       | <u> </u>   | _  |          | <u> </u> |  | _            | <u> </u>   | _              | ┞  |   |  | 78<br>79 | _  | <u> </u> | <u> </u> | <u> </u>   | _        | ╀            |
|  | 29       | _  |  | _        | _        | _  | _            | L  | <u> </u>       | ┡  | 1 |  | 79       | <u> </u>   | ļ        | ┡        | ┡  | ⊢        | ╀            |
|  | 30       | ┡  | <u> </u>   | <u> </u> | _        | <u> </u>   | _            | <u> </u>   | <b>├</b>       | ├  |   |  | 80       | ⊢  | ├        | ⊢        | ┞  | ├-       | ╀            |
| <u> </u>   | 31       | ┞-   | <u> </u>   | ╙        | _        | -  | _            |  | <u> </u>       | <u> </u>   |   |  | 81<br>82 | <u> </u>   | ₩        | ╀        | ├-   | ⊢        | ╀            |
| <u> </u>   | 32       | ├-   | <b>├</b>   | ⊢        | -        | _  |              | ⊢  | ├-             | ┝  | 1 |  | 83       | ┝  | $\vdash$ | ├-       | ⊢  | -        | ╀            |
|  | 33       | ├  | <u> </u>   | <u> </u> | -        | -  | ⊢            | ├  | ⊢              | -  | - |  | 84       | ├  | ⊢        | ⊢        | ├  | -        | ╁            |
| _  | 34<br>35 | ┡  | <b>├</b> —                                       | ⊢        | Ь.       |  | -            | ├  | ⊢              | -  | { |  | 85       | ├  | ⊢        | ⊢        | ┢  | ╁        | ╁            |
|  |          | -  | ├  | ┢        | -        |  | ├            | ├  | $\vdash$       | ╁  | ł | _  | 86       | ┝  | ┢        | ┢        | ╀  | ╁        | ╁╴           |
|  | 36<br>37 | $\vdash$   | ┢╌   | ╁        | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$   | ł | <del> </del>                                     | 87       | -  | $\vdash$ | $\vdash$ | $\vdash$   | +        | +            |
| <del>                                     </del> | 38       | $\vdash$   | $\vdash$   | $\vdash$ | -        | $\vdash$   | <del> </del> | $\vdash$   | <del>  -</del> | +  | ł | <u> </u>   | 88       | <del>                                     </del> |          | $t^-$    | $\vdash$   | t        | t            |
| <del></del>                                      | 39       | +-   | ╁  | ╁─       | $\vdash$ | <del> </del>                                     | $\vdash$     | ╁  | $\vdash$       | $\vdash$   | ł | <del>                                     </del> | 89       | $\vdash$   | $\vdash$ | t        | $\vdash$   | $\vdash$ | +            |
| $\vdash$   | 40       | $\vdash$   | <del>                                     </del> | $\vdash$ | -        | -  | ╁            | $\vdash$   | $\vdash$       | $\vdash$   | i | <del>                                     </del> | 90       | $\vdash$   | t        | $\vdash$ | T  | $\vdash$ | T            |
|  | 41       | <del>                                     </del> | ┢  | t        |          | <del>                                     </del> | $\vdash$     | <del>                                     </del> | $\vdash$       | $\vdash$   | 1 | $\vdash$   | 91       | $\vdash$   | $\vdash$ | T        | Т  | T        | T            |
| <del>                                     </del> | 42       | 一  | 1-   | $\vdash$ | $\vdash$ |  | $t^-$        | $\vdash$   | $\vdash$       | 一  | 1 |  | 92       | 1-   | T        | 1        | <del>                                     </del> | $\vdash$ | T            |
|  | 43       | 1  | $\vdash$   |          | $\vdash$ | t  | T            |  |                |  | 1 |  | 93       | Т  | T        | T        | T  | T        | T            |
|  | 44       |  |  |          |          |  | T            | Π  | П              | Г  | 1 |  | 94       |  | Π        | Π        |  |          | Γ            |
|  | 45       | Π  | 1  | Т        |          | Г  |              | П  |                |  | ] |  | 95       |  | L        |          |  |          | Γ            |
|  | 46       | L  |  |          | 1        |  |              |  |                |  | ] |  | 96       |  |          |          |  |          | Γ            |
|  | 47       | 1  | V  | 1        |          |  |              |  |                |  | ] |  | 97       |  |          |          |  |          | I            |
|  | 48       | $\Pi$  | $\prod$  | 1        |          |  |              |  |                |  | ] |  | 98       |  |          |          | 匚  | $\Box$   | Ļ            |
|  | 49       | V  | V  | 1        |          |  |              |  | $\perp$        | 匚  | ] |  | 99       | $\Box$   | $\perp$  | <u> </u> | $\perp$  | $\perp$  | $\downarrow$ |
|  | 50       | 1  | 1  | 0        |          |  |              | سَل  | <u>L</u>       | <u>L</u>   | J |  | 100      | L  | 丄        | _        |  | 丄        | L            |
|  |          |  |  |          |          |  |              |  |                |  |   |  |          |  |          |          |  |          |              |

| Cla  | Date   |          |  |          |  |          |  |  |  |                |  |
|--|--|----------|--|----------|--|----------|--|--|--|----------------|--|
|  |  |          |  |          |  |          |  |  |  |                |  |
| ਕ  | Original   | 11/5/04  | 2/2/02   | 12/18/05 |  |          |  |  |  |                |  |
| Final  | ij   | 1/2/     | 12/  | 718      |  |          |  |  |  |                |  |
| "  | Õ  | -        | ري   | 4        |  |          |  |  |  |                |  |
|  | 51   | 7        | 1  |          | $\vdash$   | $\vdash$ |  | Н  | $\vdash$   | -              |  |
|  | 51<br>52<br>53<br>54<br>55<br>56<br>57<br>58<br>59   | <u> </u> | l÷   | 40044040 | -  | -        |  | Н  | Н  |                |  |
| <b>-</b>   | 52   | ₩-       | ₩  | K        | _  | -        |  | -  | $\vdash$   | -              |  |
|  | 53   | ₩        | H  | 1        | _  | _        |  | _  | Н  | Н              |  |
| <u> </u>   | 54   | ₩        | H  | V        | _  |          |  |  | $\vdash$   | -              |  |
|  | 55   | H-       | Н  | <u> </u> | _  |          |  | Н  | Н  | -              |  |
| <u> </u>   | 20   | ╙        | H  | ٦        |  | _        | _  |  | Н  | _              |  |
| <u> </u>   | 5/   | Н-       | H  | 9        | _  | _        |  | -  | Н  | _              |  |
|  | 58   | 4        | Н  |          |  | _        |  |  |  |                |  |
|  | 59   | Ц.       | H  | 1        | _  | _        | _  | _  | Н  | $\vdash$       |  |
| -  | 60   | 1        | Н  | V        |  |          | _  | _  | Н  | <u> </u>       |  |
|  | 61   | Ш        | Н  | 0        |  |          |  |  |  |                |  |
| <u> </u>   | 62   | 11-      | $oldsymbol{\perp}$                               | 0        | L.,  |          |  | $\vdash$   | Щ  | ļ              |  |
| <u> </u>   | 63   | 1        | $oldsymbol{\perp}$                               | ļĢ       |  |          |  |  | Ш  | L              |  |
| L  | 64   | 1        | Щ  | 0 1 0    | Щ  | Щ        | _  | L  | Щ  |                |  |
|  | 65   |          | Ц  | 0        |  |          |  |  |  |                |  |
|  | 61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78 | 14       | Ц  | 1        |  |          | L  |  |  | L              |  |
|  | 67   | ٧        | Ц  | 1        | L  |          |  |  |  | _              |  |
|  | 68   | ٧,       | Ц  | 0        | L  |          |  |  |  | _              |  |
|  | 69 '   |          | Ш  | 1        |  |          |  |  |  |                |  |
|  | 70   |          |  |          |  |          |  |  |  |                |  |
|  | 71   |          | ٧  | V        |  |          |  |  |  |                |  |
|  | 72   |          | 1  | 1        |  |          |  |  |  |                |  |
|  | 73   |          |  |          |  |          |  |  |  |                |  |
|  | 74   |          |  |          |  |          |  |  |  |                |  |
|  | 75   |          |  |          |  |          |  |  |  |                |  |
|  | 76   | П        | Г  |          | Г  |          |  |  |  |                |  |
|  | 77   |          |  |          |  |          |  |  |  |                |  |
|  | 78   |          |  |          |  |          |  |  |  |                |  |
|  | 79   |          |  |          |  |          |  | П  | П  |                |  |
|  | 80<br>81   |          |  |          | Г  |          |  |  | Г  | Г              |  |
|  | 81   | Г        |  |          | $\vdash$   |          |  |  |  | Г              |  |
|  | 82   | Т        | 1  |          | $\Box$   | Г        | Г  |  | Г  | Г              |  |
|  | 82<br>83   |          |  |          | Г  |          |  |  |  |                |  |
|  | 84   | T        | П  | Г        |  |          |  | T  |  | Г              |  |
|  | 85   | Ι_       | П  | Г        | T  |          |  |  |  |                |  |
| $\vdash$   | 84<br>85<br>86   | $\vdash$ | T  | Т        | Г  |          |  | 1  | <u> </u>   | 1              |  |
| $\vdash$   | 87   | 1        | T  | $\vdash$ |  |          | $\vdash$   | T  | $\vdash$   | Т              |  |
|  | 88   | T        |  | T        | Т  |          |  |  | Г  |                |  |
| -  | 88<br>89   | t        | $\vdash$   | $t^-$    | <del>                                     </del> | $\vdash$ | $\vdash$   | $\vdash$   | Т  | Т              |  |
| <b>—</b>   | 90   | $\vdash$ |  | $\vdash$ | $\vdash$   | ┢        | $\vdash$   | <del>                                     </del> | t -  | $\vdash$       |  |
| $\vdash$   | 91   | 1        | 1  | T        | $\vdash$   | $\vdash$ | <del>                                     </del> |  |  |                |  |
| <del>                                     </del>   | 92   | 1        | $\vdash$   | $\vdash$ | <del>                                     </del> | t        | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$       |  |
| $\vdash$   | 93   | $\vdash$ | $\vdash$   | $t^-$    | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | <del>                                     </del> | <u> </u>       |  |
| $\vdash$   | 94   | 1-       | <del>                                     </del> | ╁        | Ι  | $\vdash$ | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$       |  |
| $\vdash$   | 95   | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$   | -        | $\vdash$   | -  | <del> </del>                                     | ╁─             |  |
| <del>  -                                    </del> |  | 1        | -  | ┰        | $\vdash$   | ╁        | $\vdash$   | -  | -  | $\vdash$       |  |
| <u></u>  | 96<br>97   | $\vdash$ | +  | ╁─       | $\vdash$   | ├        | -  | $\vdash$   | $\vdash$   | Η-             |  |
|  | 98   | $\vdash$ | $\vdash$   | ┼        | $\vdash$   |          | -  | $\vdash$   | ⊢  | -              |  |
| <u></u>  | 99   | +-       | ┢  | $\vdash$ | ╁  | -        | ╁  | $\vdash$   | -  | <del>  -</del> |  |
|  |  | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$   | -        |  | ⊢  | $\vdash$   | -              |  |
| ı  | 100  | 1        | 1  | 1        | 1  | 1        | 1  | 1  | ı  | 1              |  |

| CI       | aim                                    | Date         |  |  |  |  |  |  |                           |           |  |  |
|----------|--|--------------|--|--|--|--|--|--|---------------------------|-----------|--|--|
|          |  |              |  |  | n  |  |  |  |                           | $\dashv$  |  |  |
| Final    | Original                               |              |  |  |  |  | •  |  |                           |           |  |  |
|          | 101<br>102<br>103                      |              |  |  |  |  |  |  |                           |           |  |  |
|          | 102                                    |              |  |  |  |  |  |  |                           |           |  |  |
|          | 103                                    |              |  |  |  |  |  |  |                           |           |  |  |
|          | 104                                    |              |  |  |  |  |  |  |                           |           |  |  |
|          | 105                                    |              |  |  |  |  |  | _  |                           | $\dashv$  |  |  |
|          | 105<br>106<br>107                      |              |  | _  |  |  |  |  | Ш                         | $\dashv$  |  |  |
|          | 107                                    |              |  | -  |  |  | _  |  |                           | _         |  |  |
|          | 108<br>109                             | _            | -  | -  |  |  | _  | -  | -                         | $\dashv$  |  |  |
|          | 110                                    |              |  | -  | _  | -  | _  | _  | _                         | $\dashv$  |  |  |
| -        | 1111                                   |              | -  |  |  |  |  |  | $\vdash$                  | $\dashv$  |  |  |
|          | 112                                    | _            |  | -  |  |  |  | -  | Н                         | Н         |  |  |
|          | 113                                    | $\vdash$     | $\vdash$   | Ι  | -  |  |  | Η  | Н                         | Н         |  |  |
|          | 112<br>113<br>114<br>115               |              |  | Т  | $\vdash$   | _  | Г  | -  | П                         | $\dashv$  |  |  |
|          | 115                                    |              |  |  |  |  |  |  |                           |           |  |  |
|          | 116<br>117<br>118                      |              |  |  |  |  |  |  |                           |           |  |  |
|          | 117                                    |              |  |  |  |  |  |  |                           |           |  |  |
|          | 118                                    |              |  |  |  |  |  |  |                           |           |  |  |
|          | 119<br>120                             |              |  |  |  |  | <u> </u>   | L  |                           |           |  |  |
|          | 120                                    |              |  | L  | <u> </u>   | <u> </u>   | <u> </u>   | _  |                           | Ш         |  |  |
|          | 121                                    | $oxed{oxed}$ | _  |  | <u> </u>   |  | _  |  |                           | $\square$ |  |  |
|          | 122                                    | _            | _  | <u> </u>   | <u> </u>   | <u> </u>   | <del> </del>                                     | _  | L                         | $\dashv$  |  |  |
|          | 121<br>122<br>123<br>124<br>125<br>126 |              | _  | <del> </del>                                     |  | $\vdash$   | ├—   | $\vdash$   | $\vdash$                  | $\dashv$  |  |  |
|          | 124                                    | -            | H  | <del> </del>                                     | ⊢  | $\vdash$   | -  | $\vdash$   | $\vdash$                  | $\vdash$  |  |  |
|          | 126                                    |              | -  | ⊢  | -  | ⊢  | ⊢  | ┢  | $\vdash$                  | -         |  |  |
| _        | 127                                    | -            | -  | <del>                                     </del> | ┝  | -  | $\vdash$   |  | $\vdash$                  | Н         |  |  |
|          | 127<br>128<br>129<br>130<br>131        |              |  | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | -  |                           | H         |  |  |
|          | 129                                    |              |  | $\vdash$   | _  | $\vdash$   |  |  |                           | П         |  |  |
|          | 130                                    |              |  | T  |  |  | Г  |  |                           | П         |  |  |
|          | 131                                    |              |  |  |  |  |  |  |                           |           |  |  |
|          | 132<br>133                             |              |  |  |  |  |  |  |                           |           |  |  |
|          | 133                                    |              |  |  |  | <u> </u>   |  | _  | L                         | Щ         |  |  |
|          | 134                                    |              | _  | <u></u>  | lacksquare                                       | _  | _  | _  | $ldsymbol{ldsymbol{eta}}$ | Щ         |  |  |
| <u> </u> | 135<br>136                             | <u> </u>     | <u> </u>   | <u> </u>   | $\vdash$   | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>                  | Щ         |  |  |
| <u> </u> | 136                                    | <u> </u>     | _  |  | ⊢  | ┡  | <u> </u>   | _  | $\vdash$                  | Н         |  |  |
|          | 137                                    | _            | <u> </u>   | -  | _  | _  | <u> </u>   | -  | ⊢                         | Н         |  |  |
| <u> </u> | 138<br>139                             | H            | -  | $\vdash$   | -  | ⊢  | -  | -  | ┢                         | Н         |  |  |
|          | 140                                    | $\vdash$     |  | ┢╌   | $\vdash$   | -  | ╁  | <del>                                     </del> | -                         | Н         |  |  |
|          | 141                                    |              | -  | ╁╌   | 1  | ╁  | H  | -  | $\vdash$                  | Н         |  |  |
|          | 142                                    |              | $\vdash$   | <del>                                     </del> | <del>                                     </del> | 1  | T  | <del>                                     </del> | T                         | Н         |  |  |
|          | 143                                    |              | <del>                                     </del> |  | H  | <del>                                     </del> | T  | Т  | $\vdash$                  | $\sqcap$  |  |  |
|          | 144                                    | Г            |  | П  | T  | 1  |  |  | Г                         | П         |  |  |
|          | 145                                    | Г            | Γ  |  | Π  |  | Γ  |  |                           | П         |  |  |
|          | 146                                    |              |  |  |  |  |  |  |                           |           |  |  |
|          | 147                                    |              |  |  |  |  |  |  |                           |           |  |  |
|          | 148                                    |              |  |  |  | 匚  | 匚  | $\Box$   | 匚                         |           |  |  |
|          | 149                                    |              | $\Box$   |  |  | Ľ  | L  | L  | _                         | Ш         |  |  |
|          | 150                                    | <u> </u>     |  | L  | L_   | L  | L.   | L  | L                         | Ш         |  |  |